

10-6-03

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE** #7

In re Application of:

**Michael FONSECA, et al.** : Examiner: Lacyk, J.P.

Serial No.: 10/054,671 : Group Art Unit: 3736

Filed: January 22, 2002 : Confirmation No.: 5253

For: **IMPLANTABLE WIRELESS SENSOR**

September 29, 2003

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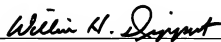
10/06/2003 KROCHA1 00000033 10054671

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. //JL/



A check in the amount of \$180.00 as the fee under 37 C.F.R. § 1.99(e) is also enclosed.

Respectfully submitted,



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Serial No: 10/054,671  
Filing Date: January 22, 2002  
For: IMPLANTABLE WIRELESS SENSOR  
Enclosure: (1) Information Disclosure Statement (2 pages) w/IDS Citation (8 pages) & cited references;  
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STATEMENT BY APPLICANT**

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Sheet 1 of 8

Application Number	10/054,671
Filing Date	January 22, 2002
First Named Inventor	Michael Fonseca
Art Unit	3736
Examiner Name	
Attorney Docket Number	501032.20503 (23401.10)

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 30,366	08-12-1980	Rasor et al.	
		US- 2,796,863	06-25-1957	von Wittem	
		US- 3,867,950	02-25-1975	Fischell	
		US- 3,942,382	03-09-1976	Hok	
		US- 3,958,558	05-25-1976	Dunphy et al.	
		US- 4,026,276	05-31-1977	Chubbuck	
		US- 4,127,110	11-28-1978	Bullara	
		US- 4,206,762	06-10-1980	Cosman	
		US- 4,207,903	06-17-1980	O'Neill	
		US- 4,237,900	12-09-1980	Schulman et al.	
		US- 4,354,506	10-19-1982	Sakaguchi et al.	
		US- 4,378,809	04-05-1983	Cosman	
		US- 4,494,950	01-22-1985	Fischell	
		US- 4,596,563	06-24-1986	Pande	
		US- 4,521,684	06-04-1985	Gilby et al.	
		US- 4,713,540	12-15-1987	Gibly et al.	
		US- 4,718,425	01-12-1988	Tanaka et al.	
		US- 4,796,641	01-10-1989	Mills et al.	
		US- 4,815,472	03-28-1989	Wise et al.	

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			
		WO 83/03348	10-13-1983	J & P Coates, Limited	
		WO 90/06723	06-28-1990	Endosonics Corporation	
		WO 95/33517	12-14-1995	Cunningham, David	
		WO 97/09926	03-20-1997	Scimed Life Systems, Inc	
		WO 97/32518	09-12-1997	Scimed Life Systems, Inc	
		WO 97/32519	09-12-1997	Lifesensors, Inc.	

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STATEMENT BY APPLICANT**

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Sheet	2	of	8	Application Number	10/054,671
				Filing Date	January 22, 2002
				First Named Inventor	Michael Fonseca
				Art Unit	3736
				Examiner Name	
				Attorney Docket Number	501032.20503 (24301.10)

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		Number-Kind Code <sup>2</sup> (if known)			
	US-	4,846,191	07-11-1989	Brockway et al.	
	US-	4,899,752	02-13-1990	Cohen	
	US-	4,913,147	04-03-1990	Fahlstrom et al.	
	US-	4,934,369	06-19-1990	Maxwell	
	US-	4,987,897	01-29-1991	Funke	
	US-	5,113,868	05-19-1992	Wise et al.	
	US-	5,115,128	05-19-1992	Cook	
	US-	5,129,394	07-14-1992	Mehra	
	US-	5,165,289	11-24-1992	Tilmans	
	US-	5,181,423	01-26-1993	Philipps et al.	
	US-	5,192,314	03-09-1993	Daskalakis	
	US-	5,207,103	05-04-1993	Wise et al.	
	US-	5,265,606	11-30-1993	Kujawski	
	US-	5,353,800	10-11-1994	Pohndorf et al.	
	US-	5,373,852	12-20-1994	Harrison et al.	
	US-	5,411,551	05-02-1995	Winston et al.	
	US-	5,431,171	07-11-1995	Harrison et al.	
	US-	5,440,300	08-08-1995	Spillman, Jr.	
	US-	5,487,760	01-30-1996	Villafana	

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FOREIGN PATENT DOCUMENTS					
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		Country Code <sup>2</sup> -Number <sup>3</sup> -Kind Code <sup>4</sup> (if known)			
		WO 97/33513	09-18-1997	Lipomatrix Incorporated	
		WO 00/16686	03-30-2000	Data Sciences International Inc.	
		WO 01/00089	01-04-2001	Sabolich Research & Development Inc.	
		EP 0 337 035	11-18-1993	Cardiac Pacemakers Inc.	
		EP 0 646 365	04-05-1995	Parodi, Juan Carlos	
		DE 196 44 858.5	10-29-1996	Kabushiki Kaisha Tokai Rika Denki et al.	

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Sheet 3 of 8

## **Complete if Known**

Application Number	10/054,671
Filing Date	January 22, 2002
First Named Inventor	Michael Fonseca
Art Unit	3736
Examiner Name	
Attorney Docket Number	501032.20503 (24301.10)

U. S. PATENT DOCUMENTS					
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		Number-Kind Code <sup>2</sup> (if known)			
	US-	5,497,099	03-05-1996	Walton	
	US-	5,515,041	05-07-1996	Spillman, Jr.	
	US-	5,535,752	07-16-1996	Halperin et al.	
	US-	5,538,005	07-23-1996	Harrison et al.	
	US-	5,551,427	09-03-1996	Altman	
	US-	5,593,430	01-14-1997	Renger	
	US-	5,566,676	10-22-1996	Rosenfeldt et al.	
	US-	5,600,245	02-04-1997	Yamamoto et al.	
	US-	5,626,630	05-06-1997	Markowitz et al.	
	US-	5,686,841	11-11-1997	Stolarczyk et al.	
	US-	5,702,427	12-30-1997	Ecker et al.	
	US-	5,703,576	12-30-1997	Spillman, Jr. et al.	
	US-	5,713,917	02-03-1998	Leonhardt et al.	
	US-	5,723,791	03-03-1998	Koch et al.	
	US-	5,743,267	04-28-1998	Nikolic et al.	
	US-	5,796,827	08-18-1998	Coppersmith et al.	
	US-	5,807,265	09-15-1998	Itoigawa et al.	
	US-	5,836,886	11-17-1998	Itoigawa et al.	
	US-	5,860,938	01-19-1999	Lafontaine et al.	

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			
	CA	1 158 061	06-12-1983	The Foxboro Company	

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Application Number	10/054,671
Filing Date	January 22, 2002
First Named Inventor	Michael Fonseca
Art Unit	3736
Examiner Name	
Attorney Docket Number	501032.20503 (24301.10)

## U. S. PATENT DOCUMENTS

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		US 5,899,927	05-04-1999	Ecker et al.	
		US 5,942,991	08-24-1999	Gaudreau et al.	
		US 5,967,986	10-19-1999	Cimochowski et al.	
		US 6,015,386	01-18-2000	Kensey et al.	
		US 6,015,387	01-18-2000	Schwartz et al.	
		US 6,019,729	02-01-2000	Itoigawa et al.	
		US 6,025,725	02-15-2000	Gershenfeld et al.	
		US 6,030,413	02-29-2000	Lazarus	
		US 6,024,704	02-15-2000	Meador et al.	
		US 6,033,366	03-07-2000	Brockway et al.	
		US 6,053,873	04-25-2000	Govari et al.	
		US 6,076,016	06-13-2000	Feierbach	
		US 6,113,553	09-05-2000	Chubbuck	
		US 6,140,740	10-31-2000	Porat et al.	
		US 6,159,156	12-12-2000	Van Bockel	
		US 6,198,965	03-06-2001	Penner et al.	
		US 6,201,980	03-13-2001	Darrow et al.	
		US 6,237,398	05-29-2001	Porat et al.	
		US 6,239,724	05-29-2001	Doron et al.	

## FOREIGN PATENT DOCUMENTS

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Sheet 6 of 8

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Attorney Docket Number	501032.20503 (24301.10)

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## **NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		<del>A. DEMENIS, K.D. WISE, "A Passive Telemetry Based Pressure Sensing System", NSF Engineering Research Center For Wireless Integrated MicroSystems, Department of Electrical Engineering and Computer Science, The University of Michigan, Ann Arbor, MI 48109-2422 US</del>	
		<del>S.R. VALLABHANI, J. GRENAN, G. GILLING-SMITH, D. GOULD, T. HOW, R. MOWILLIAMS, P.L. HARRIS, "Aortic Side Branch Perforation Does Not Account For High Intra Sac Pressure After Endovascular Repair (EVAR) in the Absence Of Graft-Related Endoleak", Royal Liverpool University Hospital, Liverpool, UK</del>	
		M. GAWENDA, J. HECKENKAMP, M. ZAEHRINGER, J. BRUNKWALL, "Intra-Aneurysm Sac Pressure - The Holy Gail Of Endoluminal Grafting of AAA", Eur J Vasc Endovasc Surg, Vol 24, August 2002, pps 139-145	
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 7 of 8

## Complete if Known

Application Number 10/054,671  
 Filing Date January 22, 2002  
 First Named Inventor Michael Fonseca  
 Art Unit 3736  
 Examiner Name  
 Attorney Docket Number 501032 20503 (24301.10)

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## NON PATENT LITERATURE DOCUMENTS

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		R.A. BAUM, J.P. CARPENTER, C. COPE, M.A. GOLDEN, O.C. VELAZQUEZ, D.G. NESCHIS, M.E. MITCHELL, C.F. BARKER, R.M. FAIRMAN; "Aneurysm Sac Pressure Measurements After Endovascular Repair Of Abdominal Aortic Aneurysms"; Journal of Vascular Surgery, Vol. 33, No. 1, January 2001, pps 32-41	
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		H.E. HAYNES, A.L. WITCHET, "Medical Electronics: The Pill That Talks", DEP., Camden, N.J.	
		<del>A. DENTENIS, R.D. WISC, "A Double-Sided Single-Chip Wireless Pressure Sensor", Engineering Research Center For Wireless Integrated MicroSystems, Department of Electrical Engineering and Computer Science, The University of Michigan, Ann Arbor, Michigan 48106-2122"</del>	
		<del>J. ZHE, K.R. FARMER, V. MODI, "A MEMS DEVICE FOR MEASUREMENT OF SKIN FRICTION WITH CAPACITIVE SENSING", Department of Mechanical Engineering, Columbia University, New York, New York 10027, Microelectromechanical Research Center, New Jersey Institute of Technology, Newark, NJ 07102"</del>	
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